

Converting Colors

$Yxy(63.1004, 0.4162, 0.4440)$

Have a look what the booklet for
Yxy(63.1004, 0.4162, 0.4440)
contains.

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Color

Yxy(62.9734, 0.4162, 0.4438)

Conversions

Conversions Part 1

Format	Color
Hex	EDCE5F
RGB	237, 206, 95
RGB Percent	93%, 81%, 37%
CMY	0.0707, 0.1921, 0.6275
CMYK	0.00, 0.13, 0.60, 0.07
HSL	47°, 80%, 65%
HSV	47°, 60%, 93%
XYZ	59.0571, 62.9734, 19.8654
YIQ	202.6150, 54.1070, -27.9490

Conversions

Conversions Part 2

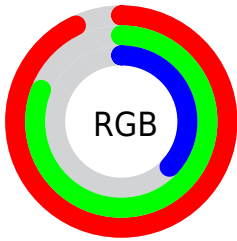
Format	Color
RYB	135, 237, 95
Decimal	15584863
CIELab	83.43, -1.91, 57.99
CIELCh	83, 58.026, 91.888
Yxy	62.9734, 0.4162, 0.4438
Android (android.graphics.Color)	4293774943 (0xFFEDCE5F)
YUV	202.6150, -53.0542, 30.1556
Hunter-Lab	79.3558, -6.0318, 40.7068

Details

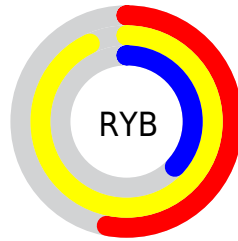
The Yxy color **62.9734, 0.4162, 0.4438** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **23.4565, 0.2047, 0.1749**, and the grayscale version is **59.7804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **32.0815, 0.4360, 0.4664** is the 20% darker color. If you saturate the color by 10%, you get **60.1610, 0.4322, 0.4568**, and if you desaturate by 10%, it is **66.0047, 0.3987, 0.4274**.

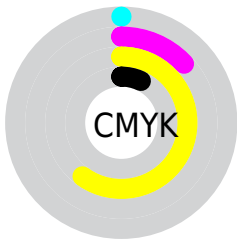
Distribution



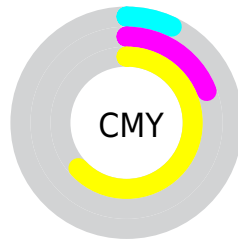
- Red (93%)
- Green (81%)
- Blue (37%)



- Red (53%)
- Yellow (93%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (60%)
- Black (7%)




- Cyan (7%)
- Magenta (19%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9734, 0.4162, 0.4438 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.9734, 0.4162, 0.4438 by changing the saturation by 10% instead.


 62.9734, 0.4162,
0.4438


 62.9734, 0.4162,
0.4438


435.4729, 0.3702,
0.3922


 45.8197, 0.4255,
0.4544


 109.1311, 0.4011,
0.4267

 32.1036, 0.4361,
0.4666


 138.9039, 0.3949,
0.4198

 21.4406, 0.4479,
0.4804


 173.6519, 0.3895,
0.4137

 13.4465, 0.4604,
0.4955

 213.7594, 0.3847,
0.4084

 7.7367, 0.4806,
0.5194

259.6109, 0.3805,
0.4036

 3.9269, 0.4788,
0.5212

311.5907, 0.3767,

 1.6328, 0.4759,

0.3994

0.5241

370.0833, 0.3733,
0.3956

■ 0.3795, 0.4528,
0.5472

■ 0.0000, 0.0000,
0.0000

■ 62.9734, 0.4162,
0.4438

■ 62.9734, 0.4162,
0.4438

■ 60.1610, 0.4322,
0.4568

■ 66.0047, 0.3987,
0.4274

■ 57.5453, 0.4458,
0.4655


■ 69.2574, 0.3805,
0.4087

■ 55.1140, 0.4566,
0.4695

■ 72.7450, 0.3623,
0.3887


■ 52.8417, 0.4647,
0.4692

■ 76.4770, 0.3447,
0.3683


 52.8234, 0.4648,
0.4692

 80.4622, 0.3281,
0.3482

 84.7089, 0.3126,
0.3288

 88.8408, 0.3018,
0.3163

 91.9645, 0.3018,
0.3214

 95.1759, 0.3017,
0.3265

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.9734, 0.4541, 0.3968



62.9734, 0.4162, 0.4438



62.9734, 0.3531, 0.4641

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9734, 0.4162, 0.4438



62.9734, 0.1914, 0.2905



62.9734, 0.3308, 0.2481

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.9734, 0.4162, 0.4438



23.4565, 0.2047, 0.1749

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.9734, 0.2603, 0.2226



62.9734, 0.4162, 0.4438



62.9734, 0.1873, 0.2401

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9734, 0.4162, 0.4438



62.9734, 0.2242, 0.3649



62.9734, 0.2106, 0.2187



62.9734, 0.4039, 0.2904

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9734, 0.4162, 0.4438



62.9734, 0.3058, 0.4511



62.9734, 0.2106, 0.2187



62.9734, 0.3058, 0.2374

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.9764, 0.4162, 0.4438



91.1667, 0.3416, 0.3646



27.7455, 0.4555, 0.2945



19.2278, 0.3466, 0.3705



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9764, 0.4162, 0.4438



70.2989, 0.4356, 0.4593



73.5421, 0.3691, 0.4853



17.0370, 0.3273, 0.3473



29.0460, 0.4639, 0.4699



2.4186, 0.4565, 0.4758

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.4565, 0.2047, 0.1749



20.0406, 0.1840, 0.1396



19.2704, 0.2223, 0.1476



15.0815, 0.2980, 0.3100



4.8215, 0.1564, 0.0830



0.5174, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 62.9734, 0.4162, 0.4438 looks on a white background.

Color Contrast Check

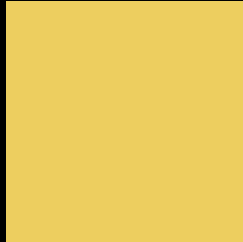
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.9734, 0.4162, 0.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9734, 0.4162, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 62.9734, 0.4162, 0.4438.

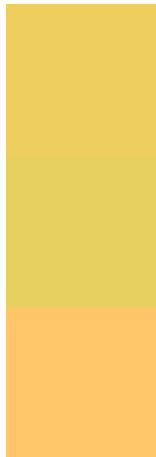


This preview shows how white text looks on a background with the Yxy color 62.9734, 0.4162, 0.4438.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.9734, 0.4162, 0.4438

Protanopia

62.9452, 0.4094, 0.4472

Deuteranopia

62.6681, 0.4302, 0.4213



Tritanopia

62.9612, 0.3442, 0.3133

Trichromacy



Original Color

62.9734, 0.4162, 0.4438

Protanomaly

62.7938, 0.4117, 0.4455

Deuteranomaly

62.6693, 0.4250, 0.4299

Tritanomaly

62.2700, 0.3730, 0.3617

Monochromacy



Original Color

62.9734, 0.4162, 0.4438

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3131, 0.3511, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9734, 0.4162, 0.4438 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 206, 95)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 206, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 95) }
```

Border

The CSS property to change the border of an element to Yxy 62.9734, 0.4162, 0.4438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 206, 95) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 206, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 206, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 95);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9734, 0.4162, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
206, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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